CLAIMS

1. An isolated polynucleotide which contains a base sequence identical or at least 95% homologous to that represented by SEQ ID NO: 2 or SEQ ID NO: 6.

2. An isolated polynucleotide which hybridizes to a base sequence represented by SEQ ID NO: 2 or SEQ ID NO: 6.

3. The isolated polynucleotide according to claim 1 or 2, wherein the polynucleotide is a DNA.

4. The isolated polynucleotide according to claim 3, wherein the polynucleotide is a DNA containing the base sequence represented by SEQ ID NO: 2 or SEQ ID NO: 6.

5. The isolated polynucleotide according to claim 1 or 2, wherein the polynucleotide is an antisense polynucleotide.

6. The isolated polynucleotide according to claim 5, wherein the antisense polynucleotide is RNA.

7. An agent which comprises the polynucleotide according to claim 1 or 2.

8. The agent according to claim 7, which is for diagnosis of diseases associated with expression of the polynucleotide, which encodes the protein containing the amino acid sequence represented by SEQ ID NO: 1 or SEQ ID NO: 5.

9. The agent according to claim 7, which is for treatment of diseases associated with expression of the polynucleotide, which encodes the protein containing the amino acid sequence represented by SEQ ID NO: 1 or SEQ ID NO: 5.

10. A method for diagnosis of diseases associated with expression of the polynucleotide, which encodes the protein containing the amino acid sequence represented by SEQ ID NO: 1 or SEQ ID NO: 5, wherein the method comprises using the polynucleotide according to claim 1 or 2.

11. A method for treatment of diseases associated with expression of the polynucleotide, which encodes the protein containing the amino acid sequence represented by SEQ ID NO: 1 or SEQ ID NO: 5, wherein the method comprises using the polynucleotide according to claim 1 or 2.

12. An agent, which comprises the polynucleotide according to claim 6.

13. The agent according to claim 12, which is for diagnosis of diseases associated with expression of the polynucleotide, which encodes the protein containing the amino acid sequence represented by SEQ ID NO: 1 or SEQ ID NO: 5.

14. The agent according to claim 12, which is for treatment of diseases associated with expression of the polynucleotide, which encodes the protein containing the amino acid sequence represented by SEQ ID NO: 1 or SEQ ID NO: 5.

15. A method for diagnosis of diseases associated with expression of the polynucleotide, which encodes the protein containing the amino acid sequence represented by SEQ ID NO: 1 or SEQ ID NO: 5, wherein the method comprises using the polynucleotide according to claim 5.

16. A method for treatment of diseases associated with expression of the polynucleotide, which encodes the protein containing the amino acid sequence represented by SEQ ID NO: 1 or SEQ ID NO: 5, wherein the method comprises using the polynucleotide according to claim 5.

17. A recombinant vector, which contains the polynucleotide according to claim 1 or 2.

18. An isolated transformant, which is transformed by the vector according to claim 17.

19. A method for screening a compound or its salt that alters the binding property between a ligand and a protein encoded by the polynucleotide according to claim 1 or 2, which comprises using the protein encoded by the polynucleotide according to claim 1 or 2.